

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, of claims in the application:

LISTING OF CLAIMS

- 1 1. (Original) A method of configuring network devices comprising:
  - 2 preparing a page for sending to a client process from a server, the page comprising a
  - 3 form having a plurality of input fields and a submit button;
  - 4 associating with the form one of a first submit method for obtaining information
  - 5 about a state of a particular network device, and a second submit method for
  - 6 changing the state of the particular network device;
  - 7 sending the page to the client process; and
  - 8 in response to activation of the submit button in the client process, executing routines
  - 9 to operate on the particular network device based on a submit method
  - 10 associated with the form.
- 1 2. (Original) A method as recited in Claim 1 wherein the form includes a hidden
- 2 variable having a value for uniquely identifying the particular network device.
- 1 3. (Original) A method as recited in Claim 1, wherein said executing routines to operate
- 2 on the particular network device comprises,
  - 3 determining whether a first variable for data input associated with the first
  - 4 submit method is empty, and
  - 5 if it is determined that the first variable is not empty, then

6                   executing get routines to obtain information about the state of the  
7                   particular network device, and  
8                   assigning values for the plurality of input fields based on the  
9                   information about the state of the particular network device;  
10                  and  
11                  wherein the method further comprises sending the page to the client process including  
12                  the form with the second submit method after said assigning.

- 1     4. (Original) A method as recited in Claim 3, wherein said executing routines to operate  
2                  on the particular network device further comprising:  
3                  if it is determined that the first variable is empty, then:  
4                  obtaining current values of the plurality of input fields from a second variable  
5                  associated with the second submit method; and  
6                  executing set routines to change the state of the particular network device based on  
7                  the current values of the plurality of input fields.
- 1     5. (Original) A method as recited in Claim 1, wherein:  
2                  the first submit method is a form get method returning values of the plurality of input  
3                  fields in a first environmental variable; and  
4                  the second submit method is a form post method returning values of the plurality of  
5                  input fields in a second environmental variable.
- 1     6. (Original) A method as recited in Claim 1, wherein:

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2       the second submit method is a form get method returning values of the plurality of  
3               input fields in a first environmental variable; and  
4       the first submit method is a form post method returning values of the plurality of  
5               input fields in a second environmental variable.

1     7. (Original) A method as recited in Claim 5, wherein the page is a Hypertext Markup  
2               Language (HTML) page; the first environmental variable is a “Request.QueryString”;  
3               and the second environmental variable is a Request.Form.

1     8. (Original) A method as recited in Claim 1, wherein the steps of preparing a page and  
2               executing routines are performed by a processor configured based on statements of a  
3               scripting language in a single script file.

1     9. (Original) A method as recited in Claim 8, wherein the form further comprises a  
2               reference to the single script file associated with activation of the submit button.

1     10. (Original) A computer-readable medium carrying one or more sequences of  
2               instructions for configuring network devices, which instructions, when executed by one or  
3               more processors, cause the one or more processors to carry out the stepa method comprising  
4               of:

5               preparing a page for sending to a client process from a server, the page comprising a  
6               form having a plurality of input fields and a submit button;

7 associating with the form one of a first submit method for obtaining information  
8 about a state of a particular network device, and a second submit method for  
9 changing the state of the particular network device;  
10 sending the page to the client process; and  
11 in response to activation of the submit button in the client process, executing routines  
12 to operate on the particular network device based on a submit method  
13 associated with the form.

1 11. (Original) A computer-readable medium as recited in Claim 10, ~~further comprising~~  
2 ~~instructions which, when executed by the one or more processors, cause the one or~~  
3 ~~more processors to carry out the steps of~~wherein the method further comprises:  
4 during said executing routines to operate on the particular network device,  
5 determining whether a first variable for data input associated with the first  
6 submit method is empty, and  
7 if it is determined that the first variable is not empty, then  
8 executing get routines to obtain information about the state of the  
9 particular network device, and  
10 assigning values for the plurality of input fields based on the  
11 information about the state of the particular network device;  
12 and  
13 sending the page to the client process including the form with the second submit  
14 method after said assigning.

- 1    12. (Currently Amended) An apparatus computer system for configuring network  
2    devices:  
3         a network interface; and  
4         one or more processors connected to the network interface, the one or more  
5                 processors configured for at least performing a method comprising:  
6                 preparing a page for sending to a client process from a server, the page  
7                         comprising a form having a plurality of input fields and a submit  
8                         button;  
9                 associating with the form one of a first submit method for obtaining  
10                         information about a state of a particular network device, and a second  
11                         submit method for changing the state of the particular network device;  
12                 sending the page to the client process; and  
13                 in response to activation of the submit button in the client process, executing  
14                         routines to operate on the particular network device based on a submit  
15                         method associated with the form.  
16
- 1    13. (Original) An apparatus for configuring network devices, the apparatus comprising:  
2         means for preparing a page for sending to a client process from a server, the page  
3                 comprising a form having a plurality of input fields and a submit button;  
4         means for associating with the form one of a first submit method for obtaining  
5                 information about a state of a particular network device, and a second submit  
6                 method for changing the state of the particular network device;

7 means for sending the page to the client process; and  
8 means for executing routines to operate on the particular network device, in response  
9 to activation of the submit button in the client process based on a submit  
10 method associated with the form.

1 14. (New) A network comprising:  
2 the apparatus of claim 12; and  
3 the network devices, wherein the network devices are communicatively coupled to  
4 the apparatus.

1 15. (New) A method as recited in claim 1, wherein the second submit method includes at  
2 least:  
3 changing the state of the particular network device; and  
4 obtaining the information about the state of the particular network device.

1 16. (New) A method of configuring network devices comprising:  
2 a client process receiving from a server, a page comprising a form having a plurality  
3 of input fields and a submit button;  
4 receiving user input;  
5 activating the submit button in response to the user input;  
6 in response to the activating, sending a signal associated with the user input to the  
7 server;  
8 the client process receiving from the server the page having information in the  
9 plurality of input fields;

10 wherein the form is associated with one of a first submit method for obtaining the  
11 information about a state of a particular network device, and a second submit  
12 method for changing the state of the particular network device, based on the  
13 user input; and

14 wherein the information is obtained by executing routines to operate on the particular  
15 network device based on a submit method associated with the form.

1 17. (New) A computer-readable medium as recited in Claim 10 wherein the form  
2 includes a hidden variable having a value for uniquely identifying the particular  
3 network device.

1 18. (New) A computer-readable medium as recited in Claim 11 wherein said executing  
2 routines to operate on the particular network device further comprising:  
3 if it is determined that the first variable is empty, then:  
4 obtaining current values of the plurality of input fields from a second variable  
5 associated with the second submit method; and  
6 executing set routines to change the state of the particular network device based on  
7 the current values of the plurality of input fields.

1 19. (New) A computer-readable medium as recited in Claim 10, wherein:  
2 the first submit method is a form get method returning values of the plurality of input  
3 fields in a first environmental variable; and  
4 the second submit method is a form post method returning values of the plurality of  
5 input fields in a second environmental variable.

- 1    20. (New) A computer-readable medium as recited in Claim 10, wherein:
  - 2                 the second submit method is a form get method returning values of the plurality of
  - 3                         input fields in a first environmental variable; and
  - 4                 the first submit method is a form post method returning values of the plurality of
  - 5                         input fields in a second environmental variable.
  
- 1    21. (New) A computer-readable medium as recited in Claim 20, wherein the page is a Hypertext Markup Language (HTML) page; the first environmental variable is a “Request.QueryString”; and the second environmental variable is a Request.Form.
  
- 1    22. (New) A computer-readable medium as recited in Claim 10, wherein the steps of preparing a page and executing routines are performed by a processor configured based on statements of a scripting language in a single script file.
  
- 1    23. (New) A computer-readable medium as recited in Claim 22, wherein the form further comprises a reference to the single script file associated with activation of the submit button.
  
- 1    24. (New) A computer-readable medium as recited in claim 10, wherein the second submit method includes at least:
  - 3                 changing the state of the particular network device; and
  - 4                 obtaining the information about the state of the particular network device.

- 1    25. (New) An apparatus as recited in Claim 12 wherein the form includes a hidden
- 2                 variable having a value for uniquely identifying the particular network device.
  
- 1    26. (New) An apparatus as recited in Claim 12, wherein said method further comprises:
  - 2                 determining whether a first variable for data input associated with the first
  - 3                         submit method is empty, and
  - 4                 if it is determined that the first variable is not empty, then
  - 5                         executing get routines to obtain information about the state of the
  - 6                         particular network device, and
  - 7                 assigning values for the plurality of input fields based on the
  - 8                         information about the state of the particular network device;
  - 9                 and
  
- 10          wherein the method further comprises sending the page to the client process including
- 11                 the form with the second submit method after said assigning.
  
  
- 1    27. (New) An apparatus as recited in Claim 26, wherein said executing routines to
- 2                 operate on the particular network device further comprising:
  - 3                 if it is determined that the first variable is empty, then:
  - 4                 obtaining current values of the plurality of input fields from a second variable
  - 5                         associated with the second submit method; and
- 6                 executing set routines to change the state of the particular network device based on
- 7                 the current values of the plurality of input fields.
  
  
- 1    28. (New) An apparatus as recited in Claim 12, wherein:

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2       the first submit method is a form get method returning values of the plurality of input  
3                 fields in a first environmental variable; and  
4       the second submit method is a form post method returning values of the plurality of  
5                 input fields in a second environmental variable.

1   29. (New) An apparatus as recited in Claim 12, wherein:  
2                 the second submit method is a form get method returning values of the plurality of  
3                         input fields in a first environmental variable; and  
4               the first submit method is a form post method returning values of the plurality of  
5                         input fields in a second environmental variable.

1   30. (New) An apparatus as recited in Claim 28, wherein the page is a Hypertext Markup  
2                 Language (HTML) page; the first environmental variable is a “Request.QueryString”;  
3                 and the second environmental variable is a Request.Form.

1   31. (New) An apparatus as recited in Claim 12, wherein the steps of preparing a page and  
2                 executing routines are performed by a processor configured based on statements of a  
3                 scripting language in a single script file.

1   32. (New) An apparatus as recited in Claim 31, wherein the form further comprises a  
2                 reference to the single script file associated with activation of the submit button.

1   33. (New) An apparatus as recited in claim 12, wherein the second submit method  
2                 includes at least:

- 3 changing the state of the particular network device; and
- 4 obtaining the information about the state of the particular network device.